

**HIGH PRESSURE SENSOR WITH KNURL PRESS-FIT ASSEMBLY****ABSTRACT**

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A method of assembling a high pressure sensor with knurl press-fit includes a first step of providing a pressure port having a material with a first hardness and a housing having a material with a second hardness less than the first hardness. The pressure port has a mounting boss and the housing has a receptacle for receiving the mounting boss. A next step includes configuring the mounting boss of the pressure port with knurls thereon. A next step includes pressing the mounting boss of the pressure port into the receptacle of the housing along a direction of the axis such that the knurls deform the receptacle of the housing to conform about the knurls to define a semi-rigid mount.

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